What is new in the GeoSystems Monitor?

DESIGN

- UI style and design updated using Bootstrap 3

- Written in Node.js and JavaScript (deprecates Silverlight)

- Works in all modern browsers (Edge, Firefox, Chrome)

CHANGES

Important Issue Identified That Affects All Versions of the GeoSystems Monitor

- At ArcGIS version 11.x the auto-populate feature for adding new containers may not work. This is an issue in all current and previous GeoSystems Monitor versions. We say "may" because it has worked for federated portals. We are actively working with Esri to resolve the issue; however, at this time there is nothing actionable for us to do to fix the issue. Should there be a resolution before the end of 2024, we will send out a notification. Any checks/points that cannot be added through the auto-populate feature will need to be added manually.

GSM 4.3

- Upgraded compiled Python scripts (v3.11.6) for the checks/points

- Checks/points retired ([list of retired checks/points)](#)

GSM 4.2.1

- Python upgrade from v2.7.9 to v3.11.6 (64-bit)

  - This upgrade is for the installed version of Python (GeoSystems Monitor checks/points will be upgraded in the next release)

  - **Custom checks/points must be upgraded to Python 3.x in order to run**

    - If needed, contact VESTRA for assistance.

- Node.js upgrade from v16.x to v18.19

- Notifications for checks/points to be retired in the next release ([list of retiring checks/points and notification examples](#))

- ODBC – DSN changes are automatically upgraded from 32-bit to 64-bit if using Microsoft SQL for Usage Databases

GSM 4.2.0

- Reporting section enhancement

  - Ability to export reports to CSV added

- Autopopulate enhancement

  - Unselect all option added

- Ability to access administrator's user content when adding content in Portal/ArcGIS Online

- Webmap layer group support for up to one level deep

- Node.js upgrade from 12.x to 16.x

- Security audit and upgrade of project dependencies

- [New SSL certificate expiration date check](#)

- Batch Editor fixes

- UI enhancements / fixes

- [External email support for email notifications](#)

- Updated error logging for backend/frontend UI

- Updated Postgres Library to accomodate latest Postgres versions

- [Enhanced WMI checks](#)

- Linux server (WMI equivalent) checks available upon request

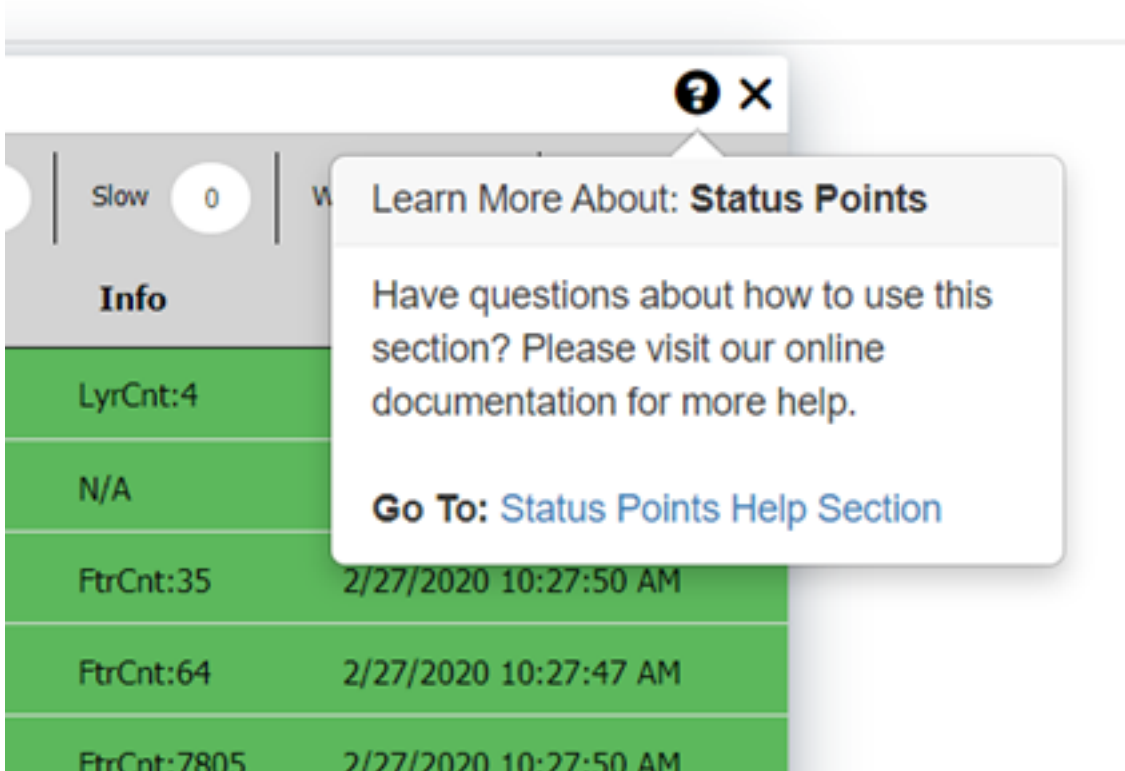- Easy open http link added to both alert and summary email for GeoSystems Monitor dashboard accress

GSM 4.1.1

- [GSM Uptime Report](#) enhancements

- Ability to create containers from [ArcGIS Online](#) and [Portal](#) folders and groups

- Node.js upgrade from 8.x to 12.x

- Moved Node.js to self-contained to install, with option to remove (if needed)

- Security audit and upgrade of projects dependencies

- Added improved iisnode error logging

GSM 4.1

- [GSM Uptime Report](#)

- Batch Editor enhancements / fixes

- UI enhancements / fixes

- Auto-populate and refresh services easier

- Map service extent picker more flexible

- Connections enhancements

- License Manager charts [enhancements](#)

- Easier [upgrading](#)

- Clickable Help within UI - look for the question mark (?) icon in the upper right (see example below). Clicking this icon will link you to specific sections in the documentation.

GSM 4.0

- [License Manager Module](#)

- Reports and Charts upgraded to new ReportLab libraries

- Added/combined support for Vector Tile services

- Increased WMI disk drive checks

- Added support for Postgres databases

- Redesigned SDE Layer checks

- Added support for Oracle 12c

- Redesigned MSSQL authentication practices

  - Key focus on Windows Authentication

- Easier creation of containers and auto-population of services

- Ability to "refresh" containers to add new services/remove old

- Added a governor to manage cold start monitoring

- Added "connections" to save credentials

- Added ability to rearrange tabs

Article ID: 343

Last updated: 18 Oct, 2024

Revision: 19

GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2.1 -> Introduction -> What is new in the GeoSystems Monitor?

<http://www.vestra-docs.com/index.php?View=entry&EntryID=343>